



**G.S. Long Bud Hardiness Benchmark
March 8, 2022**

The information provided in this report shows percent bud damage at various temperatures. These temperatures are based on Washington State University bud charts and may not match the temperature sensitivity of buds at your location. Location, variety, health, vigor and cultural practices of your orchard can all influence critical temperatures. Whereas the information below is believed to be accurate, G.S. Long Co., Inc. makes no guarantee of such.

Location	Fruit	Variety	Bud Stage	Check	Note: % based on New Kill			
					% Kill @ 24°F	% Kill @ 21°F	% Kill @ 18°F	% Kill @ 15°F
Mattawa	Cherry	Early Robin	2	2%	0%	8%	10%	17%
Mattawa	Cherry	Chelans	2	1%	24%	36%	29%	38%
Mattawa	Cherry	Tip Top	2-3	6%	14%	9%	26%	27%
Pasco	Cherry	Coral Champagne	1-2	4%	9%	28%	26%	23%
Pasco	Cherry	Chelans	3	1%	8%	18%	31%	32%
Pasco	Apricots	Robada	3	11%	16%	16%	19%	11%
Pasco	Apricots	Robada	3	3%	9%	21%	25%	26%
Pasco	Peaches	Summer Blush	2-3	20%	14%	12%	7%	12%
Pasco	Peaches	Ice Princess	2-3	12%	6%	28%	11%	33%